

Message Text

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ACTION EUR-12

INFO OCT-01 ISO-00 OC-05 CCO-00 EB-07 /025 W

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FM USMISSION NATO

TO SECDEF WASHDC

SECSTATE WASHDC 5797

CPO NSSG(US) SHAPE BELGIUM

UNCLAS SECTION 1 OF 2 USNATO 0616

DEF FOR MR. PAYNE, PERSONNEL DIVISION, ODAS(A)/OASD(C):
STATE FOR EUR/RPM

E.O. 11652: N/A

TAGS: APER, AORG, NICSMA

SUBJ: TWO NICSMA VACANCIES - ELECTRONIC ENGINEERS, GS-14

1. USNATO HAS RECEIVED ANNOUNCEMENTS OF THE FOLLIWING VACANCIES AT NICSNA WHICH WILL RESULT WHEN U.S. INCUMBENTS JERRY DRESSNER AND JAMES LUCID TRANSFER TO CONUS IN SUMMER 1976:

A. CIVIL ENGINEER, VOICE SWITCHING, SYSTEM ENGINEERING BRANCH, SYSTEM PLANS AND ENGINEERING DIVISION;

B. CIVILIAN MESSAGE SWITCHING ENGINEER, SYSTEM PLANS AND ENGINEERING DIVISION.

CLOSING DATE FOR NOMINATIONS IS 3 MARCH 1976, BUT WE HAVE REQUESTED ONE-MONTH EXTENSION FROM NATO AND HAVE INDICATION THAT THIS WILL BE GRANTED.

2. USNATO RECOMMENDS THAT U.S. CANDIDATES BE PROPOSED FOR THESE JOBS, AS BEING IN THE BEST INTEREST OF THE U.S. AND NICSMA. THE INCUMBENT OF ONE POSITION IS PRIMARILY RESPONSIBLE FOR ENGINEERING DUTINES RELATED TO THE NICS TARE PROGRAM, AND THE OTHER, FOR THE IVSN ACCESS SWITCH PROGRAM. A U.S. FIRM HAS WON THE TARE CONTRACT AND ANOTHER U.S. FIRM LIKELY WILL RECEIVE THE ACCESS-SWITCH CONTRACT. QUALIFIED U.S. ENGINEERS WOULD BE ABLE TO SERVE BOTH
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NICSMA AND ADMINISTER THESE U.S. CONTRACTORS BETTER THAN OTHER NATIONS, HAVING FAMILIARITY WITH U.S. INDUSTRIAL PRACTICES.

3. NEW JOB DESCRIPTIONS HAVE BEEN PREPARED BY CPO NSSG(US),

WITH TITLE AND GRADE ELECTRONIC ENGINEER, GS-14, AS FOLLOWS:
NO. 1109, QUOTE.

MAJOR DUTIES

1. IS A KEY SYSTEMS ENGINEER FOR THE DESIGN AND DEVELOPMENT OF THE NICS INITIAL VOICE SWITCHED NETWORK AND THE SWITCHING AND SURVEILLANCE AND CONTROL SUB-SYSTEMS OF THE FINAL NICS. DEFINES EQUIPMENT AND SUB-SYSTEM CONFIGURATIONS, CHARACTERISTICS, PERFORMANCE, RELIABILITY, MAINTAINABILITY AND OTHER ENGINEERING VALUES AND STANDARDS TO ACHIEVE AND MEET INTEGRATED SYSTEMS PERFORMANCE CRITERIA AND REQUIREMENTS. UTILIZES AN EXTENSIVE KNOWLEDGE OF COMMUNICATIONS SYSTEMS ENGINEERING, AUTOMATIC AND MANUAL SWITCHING SUB-SYSTEMS, AND SURVEILLANCE AND CONTROL (S AND C) SUB-SYSTEMS TO DEVELOP EQUIPMENT CONFIGURATIONS AND CRITERIA WHICH REFLECT THE MOST ADVANCED "STATE-OF-THE-ART" SYSTEM CONCEPTS. PROVIDES TECHNICAL ADVICE TO MEMBERS OF THE NICSMA STAFF AND COORDINATES STUDIES AND DESIGNS OF SWITCHING SUB-SYSTEMS AND S AND C SUB-SYSTEM ENGINEERING MATTERS. EVALUATES AND APPROVES TECHNICAL DESIGN AND DESIGN CHANGES IN SWITCHING AND S AND C EQUIPMENTS, AND OTHER NETWORK SUB-SYSTEMS. COORDINATES THE WORK OF AND PROVIDES TECHNICAL GUIDANCE TO SYSTEM ENGINEER(S) WHO ASSIST IN DEVELOPING SYSTEM DESIGNS AND SPECIFICATIONS.

2. PREPARES THE ENGINEERING AND TECHNICAL DOCUMENTATION AND SPECIFICATIONS REQUIRED TO IMPLEMENT AND MAINTAIN SWITCHING AND S AND C SUB-SYSTEMS AND PROJECTS. DEVELOPS THE CRITERIA FOR TEST AND ACCEPTANCE OF SWITCHING AND S AND C EQUIPMENTS AND SUB-SYSTEMS. MAINTAINS LIAISON WITH ENGINEERING FIRMS PRODUCING EQUIPMENTS TO INSURE UNDERSTANDING OF CRITERIA AND TO DISCUSS DESIGN CHANGE PROPOSALS, REVIEWS, MANUFACTURER'S RECOMMENDATIONS, TECHNICAL STUDIES AND DESIGN FOR ACCEPTABILITY.

3. AS A TELECOMMUNICATIONS SYSTEMS ENGINEER UTILIZES A BROAD UNCLASSIFIED

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KNOWLEDGE OF BOTH ANALOG AND DIGITAL TECHNIQUES IN TRANSMISSION, SWITCHING, S AND C, AND TERMINAL EQUIPMENT AS WELL AS A KNOWLEDGE OF CRYPTO EQUIPMENT IN THE DEVELOPMENT OF SYSTEMS PLANS TO ASSURE THAT THE SWITCHING AND S AND C SUB-SYSTEMS FUNCTION HARMONIOUSLY WITH THE OTHER SUB-SYSTEMS OF THE NICS AND MEET DESIGN OBJECTIVES. DEVELOPS CONCEPTS FOR SYSTEMS. COORDINATES WITH THE SHAPE TECHNICAL CENTER IN RUNNING SIMULATION TESTS ON SYSTEM DESIGNS, PARTICULARLY THE NODAL SWITCHED SYSTEMS.

4. PARTICIPATES IN TECHNICAL CONFERENCES AS A REPRESENTATIVE OF THE BRANCH OR DIVISION. FURNISHES ADVICE ON COMMUNICATIONS SYSTEMS, SUB-SYSTEMS AND EQUIPMENT AND CONFIGURATIONS AT

MEETINGS HELD WITH REPRESENTATIVES OF NATO NATIONS. SERVES AS TECHNICAL ADVISOR TO CONTRACTING OFFICE AND PROJECT TEAMS FOR THE EVALUATION OF CONTRACTOR BID PROPOSALS ON SWITCHED NETWORK SYSTEMS AND PROJECTS. SERVES AS TECHNICAL ADVISOR TO TELECOMMUNICATIONS OFFICIALS OF NATO COUNTRIES WHICH ARE DESIGNATED AS HOST NATIONS FOR INSTALLATION OF A AUTOMATIC VOICE SWITCHING PROJECT OR WHERE INTERFACE WITH A NATIONAL SYSTEM IS REQUIRED. IN CONFERENCES AND MEETINGS WITH INTERNATIONAL REPRESENTATIVES AND STAFF MEMBERS, TAKES POSITIVE STEPS TO RECONCILE DIVERSE OPINIONS AND POSITIONS OF NATIONAL REPRESENTATIVES TO ACHIEVE THE STANDARDIZATION OF THE NICS.

PERFORMS OTHER DUTIES AS ASSIGNED.

SPECIAL QUALIFICATIONS: EXTENSIVE EXPERIENCE IN THE SYSTEMS ENGINEERING OF SWITCHED TELECOMMUNICATIONS NETWORKS AND S AND C IS REQUIRED. KNOWLEDGE AND EXPERIENCE IN MILITARY AND CIVIL TRANSMISSIONS SYSTEMS, CRYPTO EQUIPMENT, TERMINAL EQUIPMENT, AND SATELLITE SYSTEMS IS REQUIRED.

UNQUOTE.

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TO SECDEF WASHDC

INFO SECSTATE WASHDC 5798

CPO NSSG(US) SHAPE BELGIUM

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1. IS KEY SYSTEMS ENGINEER FOR THE DESIGN AND DEVELOPMENT OF DETAILED MESSAGE/DATA SWITCHING SYSTEMS. DEFINES EQUIPMENT AND SUB-SYSTEM CONFIGURATIONS, CHARACTERISTICS PERFORMANCE, RELIABILITY, MAINTAINABILITY AND OTHER ENGINEERING VALUES AND STANDARDS TO ACHIEVE AND MEET INTEGRATED SYSTEMS PERFORMANCE CRITERIA AND REQUIREMENTS. UTILIZES AN EXTENSIVE KNOWLEDGE OF COMMUNICATIONS SYSTEMS ENGINEERING AND MESSAGE AND DATA SWITCHING SYSTEMS ENGINEERING AND DESIGN TO DEVELOP EQUIPMENT CONFIGURATIONS AND CRITERIA WHICH REFLECT THE MOST ADVANCED "STATE-OF-THE-ART" SYSTEM CONCEPTS. PROVIDES TECHNICAL ADVICE TO MEMBERS OF THE NICSMA STAFF ON MESSAGE/DATA SYSTEMS AND COORDINATES STUDIES AND DESIGNS OF MESSAGE SYSTEMS, TERMINALS AND SWITCHES. DETERMINES, IN CONJUNCTION WITH THE SYSTEMS PLANS AND REQUIREMENTS

BRANCH AND WITH NATIONAL ORGANIZATIONS CONCERNED, THE INTERFACE DATA PARAMETERS BETWEEN NICS MESSAGE/DATA SYSTEMS AND NATIONAL PTT OR MILITARY COMMUNICATIONS FACILITIES. EVALUATES AND APPROVES TECHNICAL DESIGN AND DESIGN CHANGES IN MESSAGE/DATA EQUIPMENTS, AND OTHER NETWORK SUB-SYSTEMS

2. PREPARES THE ENGINEERING AND TECHNICAL DOCUMENTATION AND SPECIFICATIONS REQUIRED TO IMPLEMENT AND MAINTAIN MESSAGE/DATA SUB-SYSTEMS AND PROJECTS. DEVELOPS THE CRITERIA FOR TEST AND ACCEPTANCE OF MESSAGE/DATA EQUIPMENTS AND SUB-SYSTEMS. MAINTAINS LIAISON WITH ENGINEERING FIRMS PRODUCING EQUIPMENT TO INSURE UNDERSTANDING OF CRITERIA AND TO DISCUSS DESIGN CHANGE PROPOSALS. REVIEWS MANUFACTURER'S RECOMMENDATIONS, TECHNICAL STUDIES AND DESIGNS FOR ACCEPTABILITY AND RECOMMENDS UNCLASSIFIED

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ACCEPTANCE OR REJECTION BY NICSMA.

3. AS A TELECOMMUNICATIONS SYSTEMS ENGINEER UTILIZES A KNOWLEDGE OF BOTH ANALOG AND DIGITAL TECHNIQUES IN TRANSMISSION, SWITCHING, SURVEILLANCE AND CONTROL, AND TERMINAL EQUIPMENT AS WELL AS A KNOWLEDGE OF CRYPTO EQUIPMENT IN THE DEVELOPMENT OF SYSTEMS PLANS TO ASSURE THAT THE MESSAGE AND DATA SWITCHING SUB-SYSTEM MEETS DESIGN OBJECTIVES AND FUNCTIONS HARMONIOUSLY WITH THE OTHER SUB-SYSTEMS OF THE NICS. DEVELOPS CONCEPTS FOR SYSTEMS. COORDINATES WITH THE SHAPE TECHNICAL CENTER IN RUNNING SIMULATED TESTS ON SYSTEM DESIGNS, PARTICULARLY THE MESSAGE/DATA SYSTEMS.

4. PARTICIPATES IN TECHNICAL CONFERENCES AS A REPRESENTATIVE OF THE BRANCH OR DIVISION. FURNISHES ADVICE ON COMMUNICATIONS SYSTEMS, SUB-SYSTEMS AND EQUIPMENT AND CONFIGURATIONS AT MEETINGS HELD WITH REPRESENTATIVES OF NATO NATIONS. SERVES AS TECHNICAL ADVISOR TO CONTRACTING OFFICE AND PROJECT TEAMS FOR THE EVALUATION OF CONTRACTOR BID PROPOSALS ON MESSAGE/DATA SUB-SYSTEMS AND PROJECTS. SERVES AS CONSULTANT TO TELECOMMUNICATIONS OFFICIALS OF NATO COUNTRIES WHICH ARE DESIGNATED AS HOST NATIONS FOR INSTALLATIONS OF A MESSAGE/DATA PROJECT OR WHERE INTERFACE WITH A NATIONAL SYSTEMS IS REQUIRED. IN CONFERENCES AND MEETINGS WITH INTERNATIONAL REPRESENTATIVES AND STAFF MEMBERS, TAKES POSITIVE STEPS TO RECONCILE DIVERSE OPINIONS AND POSITIONS OF NATIONAL REPRESENTATIVES TO ACHIEVE THE STANDARDIZATIONS OF THE NICS.

PERFORMS OTHER DUTIES AS ASSIGNED.

SPECIAL QUALIFICATIONS: EXTENSIVE EXPERIENCE IN THE SYSTEMS ENGINEERING OF MESSAGE/DATA SWITCHING SYSTEMS IS REQUIRED. KNOWLEDGE AND EXPERIENCE IN MILITARY AND CIVIL. TRANSMISSION SYSTEMS, VOICE SWITCHING SYSTEMS, CRYPTO EQUIPMENT, TERMINAL EQUIPMENT, SURVEILLANCE AND CONTROL, AND SATELLITE SYSTEMS IS REQUIRED. UNQUOTE

4. PLEASE ADVISE STREATOR

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